



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5466

SERIAL NUMBER 10/505,163	FILING DATE 08/30/2004  RULE	CLASS 134	GROUP ART UNIT 1748	ATTORNEY DOCKET NO. 257542US0PCT
-----------------------------	---------------------------------------	--------------	------------------------	--

## APPLICANTS

Juergen Schroeder, Ludwigshafen, GERMANY;

Klaus Joachim Muller-Engel, Stutensee, GERMANY;

Volker Schliephake, Schifferstadt, GERMANY; Ulrich Hammon, Mannheim, GERMANY;

Volker Diehl, Ellerstadt, GERMANY;

Ulrich Jager, Romerberg, GERMANY;

## \*\* CONTINUING DATA \*\*\*\*\*

This application is a 371 of PCT/EP03/02186 03/04/2003

ZE

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

GERMANY 10211273.8 03/13/2002

ZE

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 03/07/2005

Foreign Priority claimed <input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after met	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged	GERMANY	0	5	1
Examiner's Signature: <i>Zoran Borini</i> Initials: ZE				

## ADDRESS

22850

OBLON, SPIVAK, MCCLELLAND, MAIER &amp; NEUSTADT, P.C.

1940 DUKE STREET

ALEXANDRIA, VA

22314

ZE TITLE *Cleaning of tray columns which have been used for rectificatively treating liquids comprising*  
Method for cleaning plate columns used for rectifying liquids containing (meth)acrylic acid and/or its esters thereof

<input type="checkbox"/> All Fees
<input type="checkbox"/> 1.16 Fees ( Filing )